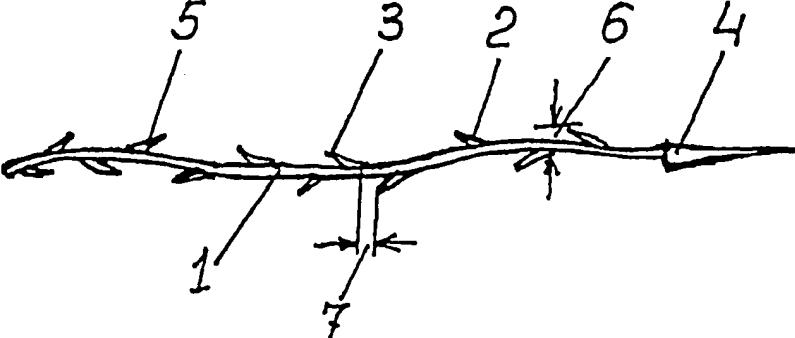


PCT

ВСЕМИРНАЯ ОРГАНИЗАЦИЯ  
ИНТЕЛЛЕКТУАЛЬНОЙ СОБСТВЕННОСТИ  
Международное бюро



МЕЖДУНАРОДНАЯ ЗАЯВКА, ОПУБЛИКОВАННАЯ В СООТВЕТСТВИИ С  
ДОГОВОРОМ О ПАТЕНТНОЙ КООПЕРАЦИИ (PCT)

(51) Международная классификация изобретения <sup>7</sup> : A61L 17/00	A1	(11) Номер международной публикации: WO 00/51658 (43) Дата международной публикации: 8 сентября 2000 (08.09.00)
(21) Номер международной заявки: PCT/RU99/00263 (22) Дата международной подачи: 29 июля 1999 (29.07.99)  (30) Данные о приоритете: 99103732 3 марта 1999 (03.03.99) RU		(81) Указанные государства: DE, европейский патент (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  Опубликована С отчётом о международном поиске.
(71) (72) Заявители и изобретатели: СУЛАМАНИДЗЕ Марлен Андреевич [RU/RU]; 115304 Москва, ул. Каспийская, д. 30/2, кв. 31 (RU) [SULAMANIDZE, Marlen Andreevich, Moscow (RU)]. МИХАЙЛОВ Георгий Марленович [RU/RU]; 115304 Москва, ул. Каспийская, д. 30/2, кв. 31 (RU) [MIKHAILOV, Geor- gy Marlenovich, Moscow (RU)].		
(74) Общий представитель: СУЛАМАНИДЗЕ Марлен Андреевич; 115304 Москва, ул. Каспийская, д. 30/2, кв. 31 (RU) [SULAMANIDZE, Marlen Andreevich, Moscow (RU)].		
<p>(54) Title: SURGICAL THREAD FOR PLASTIC SURGERY OPERATIONS (54) Название изобретения: ХИРУРГИЧЕСКАЯ НИТЬ ДЛЯ КОСМЕТИЧЕСКИХ ОПЕРАЦИЙ</p> <p>(57) Abstract</p> <p>The present invention relates to a surgical thread (1) for plastic surgery operations, wherein said thread includes inclined protrusions which are arranged sequentially along the length of the thread and which are oriented in a direction opposite to that of the thread tension. The protrusions (2) are made in the shape of conical barbs having flexible and elastic sharpened ends (3). The portion of the barbs (5) at the end of the thread is oriented in a direction opposite to the first one in order to prevent any sliding displacement of said thread in the tissues. This invention also relates to a method for making the protrusions that preserves the rupture strength of the thread and that meets requirements concerning the functional use therof, i.e. that gives the surgical thread the capacity to be inserted through tissues in one direction only.</p>  <p>The diagram illustrates the surgical thread (1) with various labeled parts: 1 represents the main thread body; 2 represents the conical barbs; 3 represents the flexible and elastic sharpened ends of the barbs; 4 represents the portion of the barbs at the end of the thread; 5 represents the orientation of the barbs at the end; 6 represents the orientation of the barbs along the rest of the thread; and 7 represents the direction of thread tension. Arrows indicate the orientation of the barbs relative to the direction of thread tension.</p>		

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2/3/1

013291113 \*\*Image available\*\*

WPI Acc No: 2000-463048/200040

XRPX Acc No: N00-345302

**Surgical thread for cosmetic operations**

Patent Assignee: MIKHAILOV G M (MIKH-I); SULAMANIDZE M A (SULA-I)

Inventor: MIKHAILOV G M; SULAMANIDZE M A

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2139734	C1	19991020	RU 99103732	A	19990303	200040 B
WO 200051658	A1	20000908	WO 99RU263	A	19990729	200045
EP 1075843	A1	20010214	EP 99938676	A	19990729	200111

WO 99RU263 A 19990729

Priority Applications (No Type Date): RU 99103732 A 19990303

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

RU 2139734 C1 A61L-017/00

WO 200051658 A1 R A61L-017/00

Designated States (National): DE

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

EP 1075843 A1 E A61L-017/00 Based on patent WO 200051658

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

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2/3/2

013214135 \*\*Image available\*\*

WPI Acc No: 2000-386009/200033

XRPX Acc No: N00-288890

**Method of biological preparation of skin full-thickness graft for transplantation**

Patent Assignee: NEROBEEV A I (NERO-I); SULAMANIDZE M A (SULA-I)

Inventor: NEROBEEV A I; SULAMANIDZE M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2135109	C1	19990827	RU 95114891	A	19950817	200033 B

Priority Applications (No Type Date): RU 95114891 A 19950817

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

RU 2135109 C1 A61B-017/322

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2/3/3

013073577    \*\*Image available\*\*

WPI Acc No: 2000-245449/200021

XRPX Acc No: N00-183554

**Method of liquid-gel dermotensy**

Patent Assignee: NEROBEEV A I (NERO-I); SULAMANIDZE M A (SULA-I)

Inventor: NEROBEEV A I; SULAMANIDZE M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2124868	C1	19990120	RU 95119957	A	19951127	200021 B

Priority Applications (No Type Date): RU 95119957 A 19951127

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RU 2124868	C1		A61B-017/322	

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2/3/4

013073576    \*\*Image available\*\*

WPI Acc No: 2000-245448/200021

XRPX Acc No: N00-183553

**Method of creating filatov's stem**

Patent Assignee: NEROBEEV A I (NERO-I); SULAMANIDZE M A (SULA-I)

Inventor: NEROBEEV A I; SULAMANIDZE M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2124867	C1	19990120	RU 95114889	A	19950817	200021 B

Priority Applications (No Type Date): RU 95114889 A 19950817

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RU 2124867	C1		A61B-017/322	

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2/3/5

013064398    \*\*Image available\*\*

WPI Acc No: 2000-236270/200020

XRPX Acc No: N00-177086

**Method for performing tissular dermotension by applying kirschner wire**

Patent Assignee: NEROBEEV A I (NERO-I); SULAMANIDZE M A (SULA-I)

Inventor: NEROBEEV A I; SULAMANIDZE M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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RU 2124324 C1 19990110 RU 95119954 A 19951127 200020 B  
Priority Applications (No Type Date): RU 95119954 A 19951127  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
RU 2124324 C1 A61B-017/322

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2/3/6

012974203 \*\*Image available\*\*

WPI Acc No: 2000-146052/200013

XRPX Acc No: N00-108100

**Method for removing wrinkles**

Patent Assignee: NEROBEEV A I (NERO-I); SULAMANIDZE M A (SULA-I)

Inventor: NEROBEEV A I; SULAMANIDZE M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week  
RU 2121311 C1 19981110 RU 95119958 A 19951127 200013 B

Priority Applications (No Type Date): RU 95119958 A 19951127

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

RU 2121311 C1 A61B-017/322

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2/3/7

012963301 \*\*Image available\*\*

WPI Acc No: 2000-135151/200012

XRPX Acc No: N00-100964

**Method of enlarging mammaplastics**

Patent As'signee: NEROBEEV A I (NERO-I); SULAMANIDZE M A (SULA-I)

Inventor: NEROBEEV A I; SULAMANIDZE M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week  
RU 2119301 C1 19980927 RU 95114890 A 19950817 200012 B

Priority Applications (No Type Date): RU 95114890 A 19950817

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

RU 2119301 C1 A61B-017/00

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